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**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Jeffery S. BradleyApplication No./Patent No.: 10/568982 Filed/Issue Date: 02/21/2006

Entitled: Self Limiting Catalyst Composition with Dicarboxylic Acid Ester Internal Donor and Propylene Polymerization Process

Dow Global Technologies Inc., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest  
(The extent (by percentage) of its ownership interest is \_\_\_\_\_ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: Jeffery S. Bradley and Michael P. Zummalla To: Dow Global Technologies Inc.

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: Linfeng Chen and William G. Sheard To: Union Carbide Chemicals & Plastics Technology Corp.

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: Union Carbide Chemicals & Plastics Technology Corp. To: Dow Global Technologies Inc.

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Gary R. Ploecher

Signature

24 January 2008

Date

Gary R. Ploecher

Printed or Typed Name

414-273-2100

Telephone Number

Attorney  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA, 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we, by virtue of my/our employee agreement(s) and contractual agreement(s) between our employer(s) and Dow Global Technologies Inc., hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for Dow Global Technologies Inc. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work from my/our employer, I/we sell, assign and transfer unto:

Subscribed and Declared by me/us:

Employed By:

Docket Ref. 63036 css

UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ) SS  
County/Parish of Midland )

On this 24 day of October, 2003, personally appeared

Jeffery S. Bradley

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

Carla S Samuel  
Notary Public

**Carla S. Samuel**  
Notary Public, Bay County, Michigan  
Acting in Midland County, Michigan  
My Commission Expires October 10, 2005

**NOTARIAL CERTIFICATE (INDIVIDUAL)**

UNITED STATES OF AMERICA )  
STATE OF TEXAS ) SS  
County/Parish of \_\_\_\_\_ )

On this 26 day of September, 2023, personally appeared

Linfeng Chen

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.



SEAL

  
Notary Public

FORM 660

## ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE:

**DOW GLOBAL TECHNOLOGIES INC.**  
Washington Street  
1790 Building  
Midland, Michigan 48674  
UNITED STATES OF AMERICA

herby accept the ASSIGNMENT attached hereto which is dated: **October 24, 2003 and October 9, 2003**

From, the ASSIGNOR: **Jeffery S. Bradley, 5018 Goldenwood Drive, Midland, Michigan 48640, United States of America and Michael Philip Zum Mallen, 1902 Rosewood Lane, Sugar Land, Texas 77479, United States of America**

of the invention entitled:

**CATALYST COMPOSITION WITH MONOCARBOXYLIC ACID ESTER INTERNAL DONOR AND PROPYLENE POLYMERIZATION PROCESS**

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, USA this 9 day of August 2004

**DOW GLOBAL TECHNOLOGIES INC.**

CORP.  
SEAL

By: Noreen D. Warrick  
**NOREEN D. WARRICK**  
Secretary

## NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ) SS  
County/Parish of Midland )

On this 9 day of August 2004, personally appeared before me, **NOREEN D. WARRICK, Secretary**

known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said Corporation organized and existing under the laws of the State of Delaware, United States of America.  
I further certify that said authority, dated February 11, 2002, is based on

an **Authorization Policy of the said Corporation**

which I have seen, appointing the said individual Attorney-in-Fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Ann Heritier  
Notary Public

**Ann Heritier**  
Notary Public, Bay County, Michigan  
Acting in Midland County  
My Commission Expires December 03, 2006

# INDIVIDUAL ASSIGNMENT AND INVENTOR'S DECLARATION (WITH PRIORITY RIGHTS)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled:

**CATALYST COMPOSITION WITH MONOCARBOXYLIC ACID ESTER INTERNAL DONOR AND PROPYLENE POLYMERIZATION PROCESS**

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we, by virtue of my/our employee agreement(s) and contractual agreement(s) between our employer(s) and Union Carbide Chemicals & Plastics Technology Corporation, hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for Union Carbide Chemicals & Plastics Technology Corporation. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work from my/our employer, I/we sell, assign and transfer unto:

**UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION**  
39 Old Ridgebury Road  
Danbury, Connecticut 06817-0001  
United States of America

a corporation organized and existing under the laws of the State of DELAWARE, U.S.A. (hereinafter referred to as the "Assignee");

my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the

Application No. 60/505,312 Filing Date September 23, 2003

in country the United States of America

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request; and I/we do hereby authorize Assignee or its designee (or nominee(s)) to insert here any corresponding equivalent

Application No. \_\_\_\_\_ Filing Date \_\_\_\_\_  
in country \_\_\_\_\_

to the above Priority application of any country where that country's patent property must be identified and entered hereinabove for recordal of this Assignment. I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: Houston Texas USA  
this 26th day of September, 2003  
Effective as of September 23, 2003  
Signature: Linfeng Chen  
Full Name: Linfeng Chen  
Residence: 11706 Pedernales Falls Lane  
Sugar Land, Texas 77478  
Country: United States of America  
Citizenship: United States of America  
P. O. Address: Same as Residence  
Employed By: Union Carbide Corporation  
Of Country: United States of America

At: Houston Texas USA  
this 8 day of October, 2003  
Effective as of September 23, 2003  
Signature: William G. Sheard  
Full Name: William G. Sheard  
Residence: 12907 Dove Oaks Court  
Houston, Texas 77041  
Country: United States of America  
Citizenship: United States of America  
P. O. Address: Same as Residence  
Employed By: Union Carbide Corporation  
Of Country: United States of America

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P. O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

At: \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
Signature: \_\_\_\_\_  
Full Name: \_\_\_\_\_  
Residence: \_\_\_\_\_  
Country: \_\_\_\_\_  
Citizenship: \_\_\_\_\_  
P. O. Address: \_\_\_\_\_  
Employed By: \_\_\_\_\_  
Of Country: \_\_\_\_\_

FORM 221

Docket Ref. 63036 css

## NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA )  
STATE OF TEXAS ) SS  
County/Parish of Harris )

On this 8 day of October, 2003, personally appeared  
before me,

William G. Sheard

known or identified to me to be the individual described in and who executed the  
foregoing document and acknowledged the same as a free act and deed for uses and  
purposes therein expressed.

SEAL



  
Notary Public

## NOTARIAL CERTIFICATE (INDIVIDUAL)

UNITED STATES OF AMERICA )  
STATE OF TEXAS ) SS  
County/Parish of Harris )

On this 9 day of OCTOBER, 2003, personally appeared  
before me,

Michael P. Zummallen

known or identified to me to be the individual described in and who executed the  
foregoing document and acknowledged the same as a free act and deed for uses and  
purposes therein expressed.

SEAL



  
Notary Public

This document, 440, is in the PUBLIC DOMAIN.

FORM 440

# ASSIGNMENT

(with Priority Rights)  
and

# INVENTORSHIP DECLARATION

We, ASSIGNOR, of: **UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION**  
**39 Old Ridgebury Road**  
**Danbury, Connecticut 06817-0001**  
**UNITED STATES OF AMERICA**

a corporation organized and existing under the laws of the State of Delaware, United States of America do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Linfeng Chen 11706 Pedernales Falls lane, Sugar Land, Texas 77478, United States of America and  
William G. Sheard, 12907 Dove Oaks Court, Houston, Texas 77041, United States of America

of an invention relating to and entitled:

### CATALYST COMPOSITION WITH MONOCARBOXYLIC ACID ESTER INTERNAL DONOR AND PROPYLENE POLYMERIZATION PROCESS

We do hereby declare, for good and valuable consideration assign, and transfer unto:

received, sell.

**WE, the ASSIGNEE:**

**DOW GLOBAL TECHNOLOGIES INC.**  
Washington Street  
1790 Building  
Midland, Michigan 48674  
**UNITED STATES OF AMERICA**

a corporation organized and existing under the laws of the State of Delaware, United States of America our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number 60/505,312 and Filing Date September 23, 2003

of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the

Corresponding Application No. \_\_\_\_\_ and Filing Date \_\_\_\_\_

of the corresponding application in any country where that patent property must be entered for record of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the record of this Assignment being under covenant, not only that we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Sworn by us at Midland, Michigan 48674, USA

this 28 day of October, 2003

**UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION**

CORP.  
SEAL

By: Charles J. Maurer III  
**CHARLES J. MAURER III**  
**Secretary**

## NOTARIAL CERTIFICATE (Corporation)

UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ) SS  
County/Parish of Midland )

On this 28 day of October, 2003, personally appeared before me, **CHARLES J. MAURER III**, Secretary, known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said corporation incorporated under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated September 17, 2001, is based on  
an Authorization Policy of the said Corporation,

which I have seen, appointing the said individual Attorney-in-fact with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Ann Heritier  
Notary Public

*Ann Heritier*  
Notary Public, Bay County, Michigan  
Acting in Midland County  
My Commission Expires December 03, 2006



This Assignee Acceptance 660 is in the ENGLISH language and has the same meaning in other languages with the same 660 number.

**WE, the ASSIGNEE:**

**DOW GLOBAL TECHNOLOGIES INC.**  
Washington Street  
1790 Building  
Midland, Michigan 48674  
UNITED STATES OF AMERICA

hereby accept the ASSIGNMENT attached hereto which is dated: October 28, 2003

From, the ASSIGNOR: UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION  
39 Old Ridgebury Road  
Danbury, Connecticut 06817-0001  
UNITED STATES OF AMERICA

of the invention entitled:

### CATALYST COMPOSITION WITH MONOCARBOXYLIC ACID ESTER INTERNAL DONOR AND PROPYLENE POLYMERIZATION PROCESS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, USA

this 29 day of October, 20 03

**DOW GLOBAL TECHNOLOGIES INC.**

CORP.  
SEAL

By:

**PHILIP D. SHEPHERD**  
President

UNITED STATES OF AMERICA )  
STATE OF MICHIGAN ) SS  
County/Parish of Midland )

On this 29 day of October, 2023, personally appeared before me, **PHILIP D. SHEPHERD, President,** known or identified to me to be the individual described in and who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed by authority of the said corporation incorporated under the laws of the State of Delaware, United States of America.

I further certify that said authority, dated February 11, 2002, is based on

**an Authorization Policy of the said Corporation,**

which I have seen, appointing the said individual **Attorney-in-fact** with full power to sign the foregoing document on behalf of the said corporation and that the purposes for which said document is granted are within the scope of the objects or activities of said corporation.

SEAL

Notary Public

*Ann Heritier*  
Notary Public, Bay County, Michigan  
Notary Public, Midland County